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February 8, 2005

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 - 12<sup>th</sup> Street, SW, Room TW-A325  
Washington, DC 20554

Re: ***Ex Parte Presentation***  
**WT Docket No. 04-356**  
**WT Docket No. 02-353**

Dear Ms. Dortch:

Today, representatives of Sprint Corporation, Nextel Communications, and Verizon Wireless met with FCC staff from the Wireless Telecommunications Bureau and the Office of Engineering Technology to discuss technical rules associated with the 1915-1920 MHz and 1995-2000 MHz bands ("H Block"). (A list of attendees is attached.) In that meeting, the three companies recommended that the Commission adopt the attached "*Joint H Block Proposal*." This proposal also was included in reply comments jointly filed by the three companies today in the above-captioned proceedings.

Pursuant to Section 1.1206(b)(2) of the Commission's Rules, an electronic copy of this letter is being filed for inclusion in the above-referenced docket.

Sincerely,

/s/ Donald C. Brittingham  
Donald C. Brittingham

Attachment

cc: FCC Attendees (Attached)

## ***H Block Meeting with FCC***

February 8, 2005

(WT Docket No. 04-356 / WT Docket No. 02-353)

### **List of Attendees**

Brian Carter, Wireless Telecommunications Bureau (WTB)

Peter Corea, WTB

Scott Delacourt, WTB

Nese Guendelsberger, WTB

David Hu, WTB

Marty Liebman, WTB

Mindy Littell, WTB

Uzoma Onyeije, WTB

Blaise Scinto, WTB

Mary Shultz, WTB

John Spencer, WTB

Joel Taubenblatt, WTB

Jennifer Tomchin, WTB

Peter Trachtenberg, WTB

Mary Woytek, WTB

Stephen Zak, WTB

Ron Chase, Office of Engineering & Technology (OET)

Patrick Forster, OET

Bruce Franca, OET

Shameeka Hunt, OET

Ahmed Lahjouji, OET

Geraldine Matise, OET

Bruno Pattan, OET

Jamison Prime, OET

Salomon Satche, OET

Alan Scrim, OET

David Munson, Attorney, Sprint Corporation

Harry Perlow, Distinguished Member Technical Staff, Sprint Corporation

Trey Hanbury, Senior Counsel – Government Affairs, Nextel Communications

Michael Ha, Principal Technology Strategist, Nextel Communications

Don Brittingham, Director-Wireless/Spectrum Policy, Verizon Wireless

Richard Harvey, Senior Member Technical Staff, Verizon Wireless

## **Sprint Corporation – Verizon Wireless – Nextel Communications**

### **JOINT H BLOCK PROPOSAL**

**Note:** The proposed rules described here would apply to the transmissions of terrestrial mobile or portable stations in the 1850-1920 MHz band. Such devices would be excluded from transmitting in the 1930-2000 MHz band.

#### **(1) EIRP Limits**

- (a) Transmissions in the 1915-1917 MHz band would be limited to 30 dBm EIRP (*Measured as described in current rules*).
- (b) Transmissions in the 1917-1920 MHz band would be limited to 6 dBm EIRP (*Measured as described in current rules*).

#### **(2) OOB Limit**

- (a) For operations in the 1850-1920 MHz band, the power of any emission outside of the authorized operating frequency range must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log (P)$  dB.
- (b) Notwithstanding the preceding section, for operations in the 1850-1920 MHz band, the power of any emission outside of the authorized operating frequency range that falls within the 1930-2000 MHz band cannot exceed -76 dBm/MHz. (*Measured as an average RMS measurement*).
- (c) For mobile devices operating on PCS Blocks A-F, the OOB limit set forth herein will apply twelve months after the effective date of the order adopting these rules.

#### **(3) Changes in Filter Technology**

- (a) No more than three years from the effective date of the Order establishing these rules, the Commission will initiate a Notice of Inquiry (NOI) to assess the status of filter technology at that time and consider whether changes to the EIRP limits are warranted.
  - (1) The Commission shall consider whether improved filters are commercially available and capable of providing: (i) at least 50 dB of attenuation rejection for mobile transmit signals from the 1850-1920 MHz band; and (ii) insertion loss in the 1930-2000 MHz band comparable to existing values in the 1930-1990 MHz band. The Commission's analysis shall consider whether the improved filters are comparable in terms of performance, size, and cost to Surface Acoustic Wave (SAW) and other filters used in existing PCS handsets, such that the improved filters can be economically employed into PCS handsets (*i.e.*, by maintaining comparable production costs, operational features, and capabilities as the existing PCS handsets).

- (2) As an alternative, the Commission shall consider whether other technical enhancements besides or in addition to improvements in filter technology, such as improvements in low noise amplifiers (LNAs), mixers, and other handset components, will provide the functional equivalent of the performance, capabilities, price, and operational characteristics identified in the preceding subparagraph (1) above.
- (b) Upon finding that comparable filters or other functionally equivalent technical enhancements are available as described in paragraph (a) above, the Commission shall issue a Notice of Proposed Rulemaking that establishes a relaxed EIRP limit for mobile transmit operations in the 1915-1920 MHz band and a transition period that will apply before the relaxed EIRP limit can become effective, based upon the amount of time reasonably required to phase out and replace existing PCS handsets adversely affected by such a rule.
- (c) Notwithstanding the preceding paragraph, anyone may petition the Commission to initiate a Notice of Proposed Rulemaking in advance of the three-year deadline to conduct a Notice of Inquiry. Petitioners should explain how improvements in filter technology have occurred that meet the criteria set forth in subparagraph (a) above.